

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

Ec. 6 - Personal Privacy

120 FEET

Y

RATZEL1H/2H/5V
800 FT

		Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	Alkalinity (mg/L)	Chloride (mg/L)	Chloride (SAC 160) (mg/L)	Color (P.T/C)	Conductivity (µs/cm)	DO (mg/L)	Ethylene Glycol (mg/L)	Hardness (mg/L)	MBAS (mg/L)	Nitrite (mg/L)	Nitrate as N (mg/L)	ORP	pH (pH units)	pH (SAC 160) (pH units)	Sulfate (mg/L)	Sulfide (mg/L)	TDS (mg/L)	TDS (SAC 160) (mg/L)
Primary Maximum Contaminant Levels	h																	1	10							
Secondary Maximum Contaminant Levels	s									250	250	15					0.5				6.5-8.5	6.5-8.5	250		500	500
Recommended Action Levels	r																									
			Well	41.7359	-75.859781		CABOT	8/11/2008		22							<0.2				6.9			<1	146	
			Well	41.7359	-75.859781		CABOT	2/17/2009		27.6			2.97				<0.2				125.8	8.09		<1	141	
			Well	41.7359	-75.859781		CABOT	5/27/2009					6								646.3	8.08				
			Well	41.7359	-75.859781		CABOT	6/14/2009					3.57								30.6					
			Well	41.7359	-75.859781		CABOT	7/20/2009					6.42								-100.8	8.37				
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009		15.2						<0.080					8.39			4	156	
			Well	41.7359	-75.859781		CABOT	9/15/2009					2.98								-94.4	8.3				
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009		29			293	1.65			<0.080				28.1	8.31		<1	193	
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009		26.7			293	3.93			<0.080				-156.5	8.31		5	167	
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/26/2009								121						8.2			174	
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/26/2009	121	26.5			308											<1	172	
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009		29.9			354	2.84			<0.080				76	7.98				
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009		24.1			346	4.44			<0.080				-145.2	8.13		6	136	
KITCHEN SINK - AFTER SYSTEM		Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009		23.3			274	2.81			<0.080				78.2	8.03		<1.000	156	
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009		28.2			302	4.42			<0.080				-137.4	8.04		5	184	
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010		35.2			319	4.45			<0.080				-136.8	8.1		6	164	
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	2/2/2010		47.6			336	47.7			<0.080				74.6	7.98		7	180	
PRESSURE TANK - BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010		24.7			279	5.16			<0.080				158.7	7.73		<1	185	
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010		15.3			4.43				<0.080				80.6	7.54		<1	155	
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010		12.9			248	5.59			<0.080				-5.5	7.66		<1	200	
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/4/2010		18.1			284	4.65			<0.080				-33.2	7.69		2	160	
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		DEP	6/16/2010	121.2	15.7						110					8.2				202	
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010		13.7			225	5			<0.080				17.7	7.48			130	
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	08/25/2010					257	3.87							54.3	7.31				
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	09/05/2010					267	5.74							37.5	7.24				
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	9/10/2010	120	21.8			307	7.42	<10.0	108.69876	<0.040		<1.00		126.7	7.27		2	176	
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		DEP	9/30/2010	121.2	10.5	10.95	<5	267		NON DETECT	107		<0.01	<0.04		8.2		4.71		158	322
AFTER - EFFLUENT TO SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010					8.86								103.5	7.46	8.2			
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010																		
BEFORE - INFLUENT TO SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010					3.54								11.2	7.36				
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010									<0.080							3	156	
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010					23.8													
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010					27.4				<0.080							<1	156	
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010		28.3			275	10.79			<0.080				153.9	7.46		<1	156	
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010		23.5			276	10.36			<0.080				157.8	7.6		<1	144	
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010		20.4			197	9.93			<0.080				213.3	7.56		1	127	
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/9/2010		20.4			190	10.34			<0.080				177.1	7.04		<1	140	
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/16/2010		16.3			7.66	9.66			<0.080				141.1	7.66		<1	153	
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010		14.3			270	11.54			<0.080				128.9	7.77		<1	120	
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010		12.9			194	12.03			<0.080				130.4	7.62		<1	100	
AFTER TREATMENT SYSTEM SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011					214	14							113.4	7.69				
AFTER TREATMENT SYSTEM IN SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011					13.53								145.3	7.29				
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011					188	13.13	<10	111	<0.08		<1	201			5	<1	100	
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/21/2011	110	21.8			208	3.21							40.5	7.05				
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/9/2011		19.2			202	13.86			<0.080				134.9	7.76		3	127	
AFTER TREATMENT SYSTEM IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011		17.1			265	12.85			<0.080				159.7	7.93		<1	167	
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011			Page 1 of 14		279	6.03							113	7.39				11/1/2011 2:11 PM

AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/17/2011	115	23.2				12.08			106.878	<0.080		<1	131.8	7.82		<5	<1	140	
AFTER TREATMENT VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	3/2/2011						214	6.65							96.9	7.47				
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/3/2011						210	14.16							135.1	7.82				
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/17/2011						189	6.24							125.3	7.39				
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/31/2011						259	8.32							167.1	6.69				
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/5/2011	130	35.6				268	13.13	<10	110	<0.08		<1	94.6	7.7		<5	<1	140	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/10/2011						266	8.82							143.2	7.57				
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/19/2011	130	27.4				270	12.63	<10	107	<0.08		<1	173.6	7.48		13	<1	140	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/26/2011						239	5.86							126.5	7.41				
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/3/2011	125	18				221	11.11	<10	115	<0.08		<1	186.4	7.43		<5	<1	156	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/10/2011						224	4.3							-58.4	7.43				
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/10/2011	110	21				212	12.12	<10	114	<0.08		<1	83.6	7.75		<5	<1	172	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/17/2011	135	14.6				214	13.64	<10	108	<0.08		<1	134.1	8.12		<5	<1	164	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/24/2011	125	21.6				221	11.38	<10	111	<0.08		<1	87.2	7.88		<5	<1	156	
BEFORE TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/24/2011						227	4.81							-37.7	7.33				
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/31/2011	130	24.4				256	10.33	<10	111	<0.08		<1	121.1	7.92		<5	<1	162	
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	6/7/2011						253	4.49							95.2	7.53				
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/7/2011	145	25.6				244	11.49	<10	112	<0.08		<1	88.3	7.9		<5	<1	160	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/21/2011	120	19.9				289	9.21	<10	107	<0.08		<5	16.1	7.58			<1	148	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/29/2011	110	25.3				256	6.22	<10	108	<0.08		<5	127.6	8.38			<1	168	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/6/2011	120	33.5				181	8.61	<10	76	<0.08		<1	190.1	6.7		<5	<1	136	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/6/2011						165	5.05							-23.7	6.7				
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/13/2011	130	29.6				179	10.51	<10	74	<0.08		<1	238.5	7.68		<5	<1	160	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/20/2011	120	22.1				270	5.67	<10	113	<0.08		<1	125	8.16		5	<1	116	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/26/2011						310	2.62							-25	8.04				
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/27/2011	115	32				203	9.94	<10	80	<0.08		<1	159	9.22		<5	<1	160	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011																			
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/10/2011	115	32				176	8.58	<10	74	<0.08		<1	228.1	7.75		<5	<1	160	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/17/2011	115	30.5				163	7.83	<10	107	<0.08		<1	112.1	8.08		<5	<1	155	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/17/2011						146	3.56							-56.7	7.48				
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/24/2011	120	32.5				250	10.35	<10	107	<0.08		<1	140	9.28		6	<1	158	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/23/2011	110	23.5				267	9.95	<10	117	<0.08		<1	90	8.2		<5	<1	128	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/3/2011						279	2.33							-87	8.03				
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011						147	3.92							-23.1	7.89				
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	9/15/2011						159	2.26							-0.7	7.77				

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 5A Section 309f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in drinking water.
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 2001)

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

Ex. 6 - Personal Privacy

120 FEET

Y

RATZEL1H/2H/5V
800 FT

		Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	TSS (mg/L)	Turbidity (ntu)	Oil & Grease (mg/L)	TPH (mg/L)	Total Coliform (cfu/100 ml)	Fecal Coliform (cfu/100 ml)	Aluminum (mg/L)	Aluminum, dissolved (mg/L)	Antimony (mg/L)	Arsenic (mg/L)	Arsenic, dissolved (mg/L)	Barium (mg/L)	Barium (SAC 161) (mg/L)	Barium, dissolved (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)
Primary Maximum Contaminant Levels	h												0	0										
Secondary Maximum Contaminant Levels	s														0.05-0.2	0.05-0.2								
Recommended Action Levels	r																0.006	0.01	0.01	2	2	2	0.004	0.005
			Well	41.7359	-75.859781		CABOT	8/11/2008	<5.000				0	0										
			Well	41.7359	-75.859781		CABOT	2/17/2009	<2.000				<1	<1	<0.025					<0.025				
			Well	41.7359	-75.859781		CABOT	5/27/2009																
			Well	41.7359	-75.859781		CABOT	6/14/2009																
			Well	41.7359	-75.859781		CABOT	7/20/2009																
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009	6		<5.0		<1	<1	0.129					0.442				
			Well	41.7359	-75.859781		CABOT	9/15/2009																
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009	<2.000			<0.100			<0.010					0.376				
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009	<2.000			<0.100			<0.010					0.502				
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/26/2009							<0.0200					0.517				
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/26/2009							<0.010					0.416				
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009	<2.000	<1.00		<0.100	<1	<1	<0.010									
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009	<2.000	<1.00		<0.100	<1	<1	<0.010					0.448				
KITCHEN SINK - AFTER SYSTEM		Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009	<2.000	<1.000		<0.100	<1,000 cfu/100ml	<1,000 cfu/100ml	<0.010					0.38				
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009	<2.000	<1.00		<0.100	<1	<1	<0.010					0.581				
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010	<2.000	2		<0.100	<1	<1	<0.010					0.487				
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	2/2/2010	<2.000	1		<0.250	<1	<1	<0.010					0.504				
PRESSURE TANK - BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010	2.4	2		<0.100	<1	<1	<0.010					0.435				
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010	<2.000	3		<0.100	<1	<1	<0.010					0.473				
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010	<2.000	3		<0.100	<1	<1	<0.010					0.592				
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	6/4/2010	<2.000	<1.00		<0.100	<1	<1	<0.010					0.492				
			Well	41.7359	-75.859781		DEP	6/16/2010							<0.010					0.439				
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010	<2.000	1		<0.100	<1	<1	<0.010					0.424				
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	08/25/2010							<0.010					0.497				
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	09/05/2010																
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	9/10/2010	2	3	<5.0				<0.010	<0.100		0.006	0.005	0.477		0.444		<0.0020
			Well	41.7359	-75.859781		DEP	9/30/2010		2.42					0.0151		<0.002	<0.0030		0.416	0.4		<0.001	<0.0002
AFTER - EFFLUENT TO SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010																
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010																
BEFORE - INFLUENT TO SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010																
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010	<2.000	1	<5.0		<1	<1	0.015				0.0029		0.4			
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.003		0.45			
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.0034		0.45			
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.0034		0.46			
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.0034		0.45			
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.0036		0.47			
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/9/2010	<2.0	1	<5.0		<1	<1	<0.010				0.0035		0.49			
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/16/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.0035		0.45			
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010	<2.0	1			<1	<1	<0.010				0.0031		0.47			
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010	<2.0	<1	<5.0		<1	<1	<0.010				0.0031		0.45			
AFTER TREATMENT SYSTEM SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011																
AFTER TREATMENT SYSTEM IN SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011																
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011																
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/21/2011	<2	<1	<5		<0.001						0.0034		0.49			<0.0001
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/3/2011					<1	<1	<0.010									
AFTER TREATMENT SYSTEM IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/3/2011	<2.0	1	<5.0		<1	<1	<0.010				3.8		0.49			
AFTER TREATMENT SYSTEM VALVE IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011	<2.0	<1	<5.0		<1	<1	<0.010				0.0033		0.41			
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011																11/4/2011 2:11 PM

AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/17/2011	<2.0	<1	<5.0		<1	<1	<0.010			0.0038		0.47					0.0001
AFTER TREATMENT VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	3/3/2011																	
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/3/2011																	
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/17/2011																	
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/31/2011																	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/5/2011	<2	1	<5		<1	<1	<0.01			0.0024		0.4					<0.0001
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/10/2011																	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/19/2011	<2	<1	<5		<1	<1	<0.01			0.0028		0.44					<0.0001
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/26/2011																	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/3/2011	<2	<1	<5		<1	<1	<0.05			0.0034		0.426					<0.002
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/10/2011																	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/10/2011	<2	<1	<5		<1	<1	<0.05			0.0037		0.432					<0.002
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/17/2011	<2	<1	<5		<1	<1	<0.01			0.0027		0.41					<0.0001
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/24/2011	<2	<1	<5		<1	<1	<0.01			0.0025		0.46					<0.0001
BEFORE TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/24/2011																	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/31/2011	<2	1	<5		<1	<1	<0.01			0.0029		0.45					<0.0001
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	6/7/2011																	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/7/2011	<2	<1	<5		<1	<1	<0.01			0.0023		0.51					<0.0001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/12/2011	<2	<1	<1		<1	<5	0.011			0.0032		0.42					<0.0001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/29/2011	<2	<1	<1		<1	<5	<0.01			0.0035		0.41					<0.0001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/6/2011	<2	<1	<5		<1	<1	<0.01			0.0025		0.44					<0.0001
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/6/2011																	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/13/2011	2	<1	<5		<1	<1	<0.01			0.0025		0.43					<0.0001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/20/2011	<2	<1	<5		<1	<1	<0.1			<0.01		0.422					<0.001
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/26/2011																	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/27/2011	<2	<1	<5		<1	<1	<0.1			<0.01		0.436					<0.001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011																	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/10/2011	<2	<1	<5		<1	<1	<0.01			0.0031		0.44					<0.0001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/17/2011	<2	<1	<5		<1	<1	<0.01			0.003		0.45					<0.0001
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/17/2011																	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/24/2011	<2	<1	<5		<1	<1	<0.01			0.0036		0.47					<0.0001
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011	<2	1	<5		<1	<1	0.138			<0.01		0.462					<0.001
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/3/2011																	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011																	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	9/15/2011																	

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 309f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in d
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 20

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

120 FEET

Y

RATZEL1H/2H/5V

800 FT

		Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	Cadmium dissolved (mg/L)	Calcium (mg/L)	Calcium dissolved (mg/L)	Chromium (mg/L)	Chromium dissolved (mg/L)	Copper (mg/L)	Iron (mg/L)	Iron (SAC 160) (mg/L)	Iron, dissolved (mg/L)	Lead (mg/L)	Lead, dissolved (mg/L)	Magnesium (mg/L)	Magnesium (SAC 160) (mg/L)	Magnesium, dissolved (mg/L)	Manganese (mg/L)
Primary Maximum Contaminant Levels	h								0.005			0.1	0.1	1.3									
Secondary Maximum Contaminant Levels	s														0.3	0.3	0.3						6.05
Recommended Action Levels	r																						
			Well	41.7359	-75.859781		CABOT	8/11/2008							+0.005					0.6			
			Well	41.7359	-75.859781		CABOT	2/17/2009							0.061					6.37			<0.025
			Well	41.7359	-75.859781		CABOT	5/27/2009															
			Well	41.7359	-75.859781		CABOT	6/14/2009															
			Well	41.7359	-75.859781		CABOT	7/20/2009															
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009							3.43					9.13			0.381
			Well	41.7359	-75.859781		CABOT	9/15/2009															
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009							+0.050					9.48			0.26
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009							0.279					9.34			0.192
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009															
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009		32					0.428					9.98			0.192
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009							+0.050					9.91			0.237
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009							0.424					9.05			0.176
KITCHEN SINK - AFTER SYSTEM		Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009							+0.050					8.11			0.198
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009							0.182					9.73			0.179
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010							0.374					8.65			0.173
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	2/2/2010							0.205					9.48			0.186
PRESSURE TANK - BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010							0.272					8.4			0.188
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010							0.346					9.07			0.173
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010							0.177					10.3			0.164
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/4/2010							0.126					8.84			0.165
			Well	41.7359	-75.859781		DEP	6/16/2010		29.8					0.13					8.568			0.173
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010							0.218					8.41			0.175
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	08/25/2010							0.147					8.91			0.157
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	09/08/2010															
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	9/10/2010	<0.010	29.3	28	<0.010	<0.025		0.344		<0.050	<0.001	<0.001	8.87			0.17
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		DEP	9/30/2010		28.3		<0.004		0.0048	0.271	0.329				8.806	8.264	8.47	0.201
AFTER - EFFLUENT TO SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010															
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010															
BEFORE - INFLUENT TO SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010															
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010							0.056					9.1			0.17
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010															
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010							+0.050					9.1			0.0049
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010							+0.050					9			0.055
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010							+0.050					9.1			0.03
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010							+0.050					9.3			0.042
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	7/59/2010							+0.050					9.2			0.043
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/16/2010							+0.050					9.1			0.038
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010							+0.050					9			0.03
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010							+0.050					8.9			<0.014
AFTER TREATMENT SYSTEM SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011															
AFTER TREATMENT SYSTEM IN SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011															
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011															
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	1/21/2011															
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/3/2011		30		<0.002			+0.06			<0.0003		8.7			0.047
AFTER TREATMENT SYSTEM IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/9/2011							+0.050					8.4			0.041
AFTER TREATMENT SYSTEM VALVE IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011							+0.050					8.6			0.016
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011															

AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/17/2011		28		<0.002		<0.050		<0.0003		9		0.092
AFTER TREATMENT VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	3/2/2011												
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/3/2011												
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/17/2011												
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/31/2011												
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/5/2011		30		<0.002		<0.05		<0.0003		8.6		0.0065
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/10/2011												
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/19/2011		29		<0.002		<0.05		<0.0003		8.3		0.0031
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/26/2011												
WELL 1				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/3/2011		31		<0.005		<0.05		0.00072		9.05		<0.025
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/10/2011												
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/10/2011		30.6		<0.005		<0.05		0.001		9.19		<0.025
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/17/2011		29		<0.002		<0.05		0.00058		8.6		0.023
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/24/2011		30		<0.002		<0.05		0.00052		8.8		0.06
BEFORE TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/24/2011												
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/31/2011		30		<0.002		<0.05		0.00067		8.7		0.055
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	6/7/2011												
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/7/2011		30		<0.002		<0.05		0.00073		9		<0.0025
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/12/2011		29		<0.002		<0.05		0.00089		8.4		<0.0025
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/29/2011		29		<0.002		<0.05		<0.0003		8.6		<0.0025
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/2/2011		30		<0.002		<0.05		<0.0003		8.9		0.015
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/6/2011												
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/13/2011		29		<0.002		<0.05		<0.0003		8.6		<0.0025
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/20/2011		30.9		<0.005		<0.05		<0.005		8.72		<0.015
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/26/2011												
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/27/2011		31.6		<0.005		<0.05		<0.005		9.17		<0.015
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/3/2011												
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/10/2011		29		<0.002		<0.05		0.00042		8.6		<0.0025
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/17/2011		29		<0.002		<0.05		<0.0003		8.4		<0.0025
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/17/2011												
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/24/2011		29		<0.002		<0.05		0.00063		8.4		0.01
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011		32		<0.005		<0.05		<0.005		8.94		<0.015
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/3/2011												
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011												
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	9/15/2011												

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 309f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in d
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 20

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

120 FEET

Y

RATZEL1H/2H/5V
800 FT

		Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	Manganese (SAC 180) (mg/L)	Manganese, dissolved (mg/L)	Mercury (mg/L)	Mercury, dissolved (mg/L)	Nickel (mg/L)	Potassium (mg/L)	Potassium, dissolved (mg/L)	Selenium (mg/L)	Selenium, dissolved (mg/L)	Silver (mg/L)	Silver, dissolved (mg/L)	Sodium (mg/L)	Sodium (SAC 180) (mg/L)	Sodium, dissolved (mg/L)	Strontium (mg/L)	Strontium, dissolved (mg/L)
Primary Maximum Contaminant Levels	h																0.05	0.05						
Secondary Maximum Contaminant Levels	s								0.05	0.05								0.1	0.1					
Recommended Action Levels	r										0.002	0.002												
			Well	41.7359	-75.859781		CABOT	8/11/2008																
			Well	41.7359	-75.859781		CABOT	2/17/2009																
			Well	41.7359	-75.859781		CABOT	5/07/2009															<0.025	
			Well	41.7359	-75.859781		CABOT	6/14/2009																
			Well	41.7359	-75.859781		CABOT	7/02/2009																
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009																0.694
			Well	41.7359	-75.859781		CABOT	9/15/2009																
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009																0.692
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009																0.744
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009																0.757
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009						1.229							14.9			0.734
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009																0.707
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009																
KITCHEN SINK - AFTER SYSTEM		Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009																0.654
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009																0.81
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010																0.709
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	2/2/2010																0.751
PRESSURE TANK - BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010																0.726
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010																0.729
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010																0.808
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/4/2010																0.724
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781	DEP		6/16/2010						1.17							14.105			0.692
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010																0.673
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	08/25/2010																0.724
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	09/05/2010																
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	9/10/2010																
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781	DEP		9/30/2010	0.199	0.16	<0.0002	<0.0002	<0.05	1.26	1.38	<0.005	<0.005	<0.010	<0.010			14	0.704	0.669
AFTER - EFFLUENT TO SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010																
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010																
BEFORE - INFLUENT TO SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010																
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010																0.66
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010																0.71
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010																
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010																0.78
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010																0.76
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010																0.77
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	7/59/2010																0.73
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/16/2010																0.67
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010																0.68
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010																0.7
AFTER TREATMENT SYSTEM SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011																
AFTER TREATMENT SYSTEM IN SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011																
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011																
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	1/21/2011																
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/3/2011																0.71
AFTER TREATMENT SYSTEM IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/3/2011																0.68
AFTER TREATMENT SYSTEM VALVE IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011																0.66
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011																

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

120 FEET

Y

RATZEL1H/2H/SV
800 FT

		Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	Thallium (mg/L)	Zinc (mg/L)	1,2,4-Trimethylbenzene (mg/L)	1,3,5-Trimethylbenzene (mg/L)	Benzene (mg/L)	Ethylbenzene (mg/L)	Isopropylbenzene (cumene) (mg/L)	MTBE (mg/L)	n-Butylbenzene (mg/L)	n-Propylbenzene (mg/L)	Naphthalene (mg/L)	P-Isopropyltoluene (mg/L)	sec-Butylbenzene (mg/L)
Primary Maximum Contaminant Levels	h								0.002				0.005	0.7							
Secondary Maximum Contaminant Levels	s									5											
Recommended Action Levels	r																				
			Well	41.7359	-75.859781		CABOT	8/11/2008													
			Well	41.7359	-75.859781		CABOT	2/17/2009													
			Well	41.7359	-75.859781		CABOT	5/27/2009													
			Well	41.7359	-75.859781		CABOT	6/14/2009													
			Well	41.7359	-75.859781		CABOT	7/20/2009													
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009					<0.0005	<0.0005		<0.0005					
			Well	41.7359	-75.859781		CABOT	9/15/2009													
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009													
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009													
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009													
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009													
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009													
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009													
KITCHEN SINK - AFTER SYSTEM		Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009													
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009													
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010													
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/22/2010													
PRESSURE TANK - BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010													
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010													
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010													
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/4/2010													
PRESSURE TANK		Well	41.7359	-75.859781		DEP	6/16/2010														
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010													
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	08/25/2010													
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	09/08/2010													
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	9/10/2010													
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		DEP	9/30/2010	<0.002	<0.01				<0.0005	<0.0010						
AFTER - EFFLUENT TO SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010													
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010													
BEFORE - INFLUENT TO SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010													
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010					<0.0005	<0.0005							
MID-POINT IN TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010													
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010					<0.0005	<0.0005							
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010					<0.0005	<0.0005							
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010					<0.0005	<0.0005							
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010					<0.0005	<0.0005							
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	7/59/2010					<0.0005	<0.0005							
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/18/2010					<0.0005	<0.0005							
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010					<0.0005	<0.0005							
AFTER TREATMENT SYSTEM			Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010					<0.0005	<0.0005							
AFTER TREATMENT SYSTEM SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011													
AFTER TREATMENT SYSTEM IN SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011													
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011													
AFTER TREATMENT			Well	41.7359	-75.859781	Post-Treatment	CABOT	1/21/2011													
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/3/2011			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
AFTER TREATMENT SYSTEM IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/9/2011			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
AFTER TREATMENT SYSTEM VALVE IN SHED			Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
BEFORE TREATMENT SYSTEM			Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011			Page 9 of 14										11/1/2011 2:11 PM

AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/17/2011											
AFTER TREATMENT VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	3/2/2011											
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/3/2011											
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/17/2011											
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/31/2011											
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/5/2011											
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/10/2011											
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/19/2011											
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/26/2011											
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/3/2011											
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/10/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/10/2011											
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/17/2011											
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/24/2011											
BEFORE TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/24/2011											
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/31/2011											
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	6/7/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/7/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/21/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/29/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/6/2011											
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/6/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/13/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/20/2011											
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/26/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/27/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/10/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/17/2011											
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/17/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/24/2011											
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011											
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/3/2011											
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011											
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	9/15/2011											

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 309f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in d
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 20

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

Ex. 6 - Personal Privacy
120 FEET
Y
RATZEL1H/2H/SV
800 FT

		Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	Toluene (mg/L)	m,p-Xylenes (mg/L)	o-Xylene (mg/L)	Xylenes, Total (mg/L)	VOADW	SVDW	SVWW	Ethane (ug/L)	Ethene (ug/L)	iso-Butane (ug/L)	Methane (ug/L)	n-Butane (ug/L)	Propane (ug/L)
Primary Maximum Contaminant Levels	h								1	10	10	10									
Secondary Maximum Contaminant Levels	s																				
Recommended Action Levels	r																		28,000		
			Well	41.7359	-75.859781		CABOT	8/11/2008													
			Well	41.7359	-75.859781		CABOT	2/17/2009								0.43		<0.05	3800	<0.05	<0.05
			Well	41.7359	-75.859781		CABOT	5/27/2009								0.75		<0.05	6000	<0.05	<0.05
			Well	41.7359	-75.859781		CABOT	6/14/2009								0.8		<0.05	4900	<0.05	<0.05
			Well	41.7359	-75.859781		CABOT	7/20/2009								0.42		<0.05	4400	<0.05	<0.05
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009	<0.0005	<0.001	<0.0005					920		0.48	35,000	0.086	11
			Well	41.7359	-75.859781		CABOT	9/15/2009								840		0.58	30,000	0.19	11
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009								590		<0.050	24,000	<0.050	0.71
PRESSURE TANK IN BASEMENT		Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009													
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009								<19.8			29,700		<19.80
NOT INDICATED			Well	41.7359	-75.859781		DEP	10/28/2009													
KITCHEN SINK		Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009								840		<0.050	36,000	<0.050	1.7
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009								1100		0.45	33,000	0.17	16
KITCHEN SINK - AFTER SYSTEM		Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009								850		<0.050	32000	<0.050	2
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009								470		0.26	22,000	0.069	7.5
PRESSURE TANK- BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010								850		0.45	28,000	0.17	14
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	2/2/2010								800		0.4	27,000	0.13	12
PRESSURE TANK - BEFORE SYSTEM		Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010								690		0.36	22,000	0.22	12
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010								680		0.51	28,000	0.21	12
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010								850		0.35	24,000	0.16	12
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	8/4/2010								320		0.17	17,000	0.054	5.7
PRESSURE TANK		Well	41.7359	-75.859781		DEP	6/16/2010									128			11,600		CANCELLED
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010								690		0.28	22,000	0.11	9.4
BASEMENT AT PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	08/25/2010								810		0.49	25,000	0.29	16
PRESSURE TANK		Pressure Tank	Well	41.7359	-75.859781		CABOT	09/08/2010													
PRESSURE TANK		Well	41.7359	-75.859781		CABOT	9/10/2010		<0.0005	<0.0037	<0.0018										
PRESSURE TANK		Well	41.7359	-75.859781		DEP	9/30/2010						NON DETECT	NON DETECT	NON DETECT	1280	NON DETECT		31,000		NON DETECT
AFTER - EFFLUENT TO SYSTEM		Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010									45		0.083	1100	0.016	1.1
MID-POINT IN TREATMENT SYSTEM		Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010									180		0.15	4900	0.084	4.2
BEFORE - INFLUENT TO SYSTEM		Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010									500		0.41	20,000	0.24	12
BEFORE TREATMENT SYSTEM		Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010	<0.0005								450		0.31	20,000	0.16	9
MID-POINT IN TREATMENT SYSTEM		Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010									79		0.12	3,900	0.022	1.6
AFTER TREATMENT		Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010	<0.0005								14		<0.050	450	<0.050	0.32
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010	<0.0005							13		<0.050	470	<0.050	0.28
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010	<0.0005							14		<0.050	530	<0.050	0.29
AFTER TREATMENT SYSTEM		Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010	<0.0005								3.7		<0.050	120	<0.050	0.085
AFTER TREATMENT SYSTEM		Well	41.7359	-75.859781	Post-Treatment	CABOT	12/9/2010	<0.0005								9.4		<0.050	330	<0.050	0.19
AFTER TREATMENT		Well	41.7359	-75.859781	Post-Treatment	CABOT	12/16/2010	<0.0005								5.8		<0.050	350	<0.050	0.17
EFFLUENT FROM VALVE IN SHED		Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010	<0.0005							4.1		<0.050	140	<0.050	0.089
AFTER TREATMENT SYSTEM		Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010	<0.0005								2.9		<0.050	96		0.068
AFTER TREATMENT SYSTEM SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011								1.3		<0.050	40	<0.050	0.039
AFTER TREATMENT SYSTEM IN SHED		Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011								<2.4		<0.050	87	<0.050	0.052
BEFORE TREATMENT SYSTEM		Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011									400		0.22	17000	0.096	5.9
AFTER TREATMENT		Well	41.7359	-75.859781	Post-Treatment	CABOT	1/21/2011	<0.0005				<0.0005				5.3		<0.05	190	<0.05	0.11
BEFORE TREATMENT SYSTEM		Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/3/2011									260		0.1	12,000	<0.050	4.2
AFTER TREATMENT SYSTEM IN SHED		Well	41.7359	-75.859781	Post-Treatment	CABOT	2/9/2011	<0.0005								1.2		<0.050	49	<0.050	<0.05
AFTER TREATMENT SYSTEM VALVE IN SHED		Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011	<0.0005				<0.0005				2.8		<0.050	100	<0.050	0.062
BEFORE TREATMENT SYSTEM		Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011									300		0.14	16,000	0.062	4.9

AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/17/2011	<0.0005							4.2			<0.050	170	<0.050	0.72
AFTER TREATMENT VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	3/2/2011								2.1			<0.050	85	<0.050	<0.05
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/3/2011								390		0.22	17,000	0.076	6.6	
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/17/2011								39		<0.050	9,400	<0.050	0.45	
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/31/2011								430		0.23	17,000	0.073	6	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/5/2011	<0.0005							1.6		<0.05	49	<0.05	<0.05	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/12/2011								76		<0.050	9,200	<0.050	1.1	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/19/2011	<0.0005							3.6		<0.05	140	<0.05	0.073	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/26/2011								40		<0.050	7,500	<0.050	0.48	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/3/2011	<0.0005							1.7		<0.05	73	<0.05	0.29	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/10/2011								28		<0.050	7,400	<0.050	0.35	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/10/2011	<0.0005							0.64		<0.05	26	<0.05	<0.05	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/17/2011	<0.005							1.2		0.078	50	<0.05	<0.05	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/24/2011	<0.005							0.73		<0.05	26	<0.05	<0.05	
BEFORE TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/24/2011								68		<0.050	8,400	<0.050	0.95	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/31/2011	<0.005							0.1		<0.05	3.6	<0.05	<0.05	
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	6/7/2011								20		<0.050	9000	<0.050	0.19	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/7/2011	<0.00005							0.29		<0.05	14	<0.05	<0.05	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/21/2011	<0.00005							3.5		<0.05	150	<0.05	0.076	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/29/2011	<0.00005							4.7		<0.05	170	<0.05	0.083	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/6/2011	<0.00005							5.4		<0.05	300	<0.05	<0.05	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/6/2011								170		<0.050	9900	<0.050	2.6	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/13/2011	<0.00005							0.7		<0.05	63	<0.05	<0.05	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/20/2011	<0.00005							3.8		<0.05	160	<0.05	0.075	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/26/2011								34		<0.050	8600	<0.050	0.33	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/27/2011	<0.00005							2.4		<0.05	110	<0.05	0.052	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011														
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/10/2011	<0.00005							2.9		<0.05	120	<0.05	0.12	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/17/2011	<0.005							4		<0.05	150	<0.05	0.082	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/17/2011								220		0.11	13,000	<0.050	3.1	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/24/2011	<0.005							2.4		<0.05	150	<0.05	0.071	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/30/2011	<0.00005							4.4		<0.05	190	<0.05	0.075	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011								230		0.14	12,000	<0.050	3.6	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011								260		0.13	13,000	<0.050	4	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	9/15/2011								200		0.12	12,000	<0.050	3	

Notes:
a - Maximum Contaminant Levels per E.P.A.'s National Primary Drinking Water Regulations. Safe Drinking Water Act (42 USC Chapter 6A Section 309f)
b - E.P.A. National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause cosmetic effects or aesthetic effects in d
c - Recommended action level from the Office of Surface Mining Reclamation and Enforcement - Appalachian Regional Coordinating Center, Pittsburgh, PA (September 20

Land Owner:
Water Supply Lat/Long:
Water Supply Depth:
Treatment (Y/N):
Gas Well Operator:
Gas Well:
Distance:

120 FEET

Y

RATZEL1H/2H/5V
800 FT

			Sample Location	Sample Medium	Latitude	Longitude	Treatment Collection	Source	Sample Date	Sample Sheet Comments
Primary Maximum Contaminant Levels	A									
Secondary Maximum Contaminant Levels	B									
Recommended Action Levels	C									
				Well	41.7359	-75.859781		CABOT	8/11/2008	
				Well	41.7359	-75.859781		CABOT	2/17/2009	
				Well	41.7359	-75.859781		CABOT	5/27/2009	
				Well	41.7359	-75.859781		CABOT	6/14/2009	
				Well	41.7359	-75.859781		CABOT	7/20/2009	
PRESSURE TANK IN BASEMENT			Pressure Tank	Well	41.7359	-75.859781		CABOT	8/7/2009	SAMPLE FILLED WITH BUBBLES LEL AROUND HOMES FOUNDATION < 1 %
				Well	41.7359	-75.859781		CABOT	9/15/2009	
KITCHEN SINK			Kitchen Sink	Well	41.7359	-75.859781		CABOT	10/25/2009	* LEL READING TAKEN FROM OVER A BOTTLE FILLED WITH SAMPLE
PRESSURE TANK IN BASEMENT			Pressure Tank	Well	41.7359	-75.859781		CABOT	10/25/2009	* LEL READING TAKEN FROM OVER A BOTTLE FILLED WITH SAMPLE
NOT INDICATED				Well	41.7359	-75.859781		DEP	10/28/2009	** LEL READING TAKEN FROM HOT WATER TANK
NOT INDICATED				Well	41.7359	-75.859781		DEP	10/28/2009	
KITCHEN SINK			Kitchen Sink	Well	41.7359	-75.859781		CABOT	11/23/2009	* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE
BASEMENT AT PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	11/23/2009	* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE
KITCHEN SINK - AFTER SYSTEM			Kitchen Sink	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/03/2009	* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE SAMPLE FULL OF BUBBLES AND FIZZING
PRESSURE TANK- BEFORE SYSTEM			Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	12/03/2009	* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE BUBBLES IN WATER
										* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE ** SAMPLE FOR LEL READING TAKEN FROM VALVE ON HOT WATER HEATER
PRESSURE TANK- BEFORE SYSTEM			Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/7/2010	* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE **
BASEMENT AT PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	2/2/2010	SAMPLE FOR LEL READING TAKEN FROM VALVE ON HOT WATER HEATER
PRESSURE TANK - BEFORE SYSTEM			Pressure Tank	Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/6/2010	* LEL READING TAKEN OVER A BOTTLE FILLED WITH SAMPLE
BASEMENT AT PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	4/25/2010	
PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	5/16/2010	
PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	8/4/2010	
				Well	41.7359	-75.859781		DEP	6/16/2010	
PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	7/15/2010	
BASEMENT AT PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	08/29/2010	SAMPLE FILLED WITH BUBBLES
PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	09/08/2010	
PRESSURE TANK			Pressure Tank	Well	41.7359	-75.859781		CABOT	9/10/2010	
				Well	41.7359	-75.859781		DEP	9/30/2010	
AFTER - EFFLUENT TO SYSTEM				Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010	
MID-POINT IN TREATMENT SYSTEM				Well	41.7359	-75.859781	Post-Treatment	CABOT	10/14/2010	
BEFORE - INFLUENT TO SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	10/14/2010	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	11/13/2010	
MID-POINT IN TREATMENT SYSTEM				Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010	
AFTER TREATMENT				Well	41.7359	-75.859781	Post-Treatment	CABOT	11/13/2010	
EFFLUENT FROM VALVE IN SHED			Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/20/2010	
EFFLUENT FROM VALVE IN SHED			Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	11/23/2010	
AFTER TREATMENT SYSTEM				Well	41.7359	-75.859781	Post-Treatment	CABOT	12/2/2010	
AFTER TREATMENT SYSTEM				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/59/2010	
AFTER TREATMENT				Well	41.7359	-75.859781	Post-Treatment	CABOT	12/18/2010	
EFFLUENT FROM VALVE IN SHED			Valve in Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	12/21/2010	
AFTER TREATMENT SYSTEM				Well	41.7359	-75.859781	Post-Treatment	CABOT	12/28/2010	
AFTER TREATMENT SYSTEM SHED			Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/6/2011	
AFTER TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Post-Treatment	CABOT	1/20/2011	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	1/20/2011	
AFTER TREATMENT				Well	41.7359	-75.859781	Post-Treatment	CABOT	1/21/2011	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/3/2011	
AFTER TREATMENT SYSTEM IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/9/2011	
AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/10/2011	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	2/17/2011	Page 13 of 14

AFTER TREATMENT SYSTEM VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	2/17/2011	
AFTER TREATMENT VALVE IN SHED				Well	41.7359	-75.859781	Post-Treatment	CABOT	3/2/2011	
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/3/2011	
BEFORE TREATMENT SYSTEM- IN SYSTEM SHED				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/17/2011	
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	3/31/2011	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/5/2011	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/10/2011	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	4/19/2011	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	4/26/2011	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/3/2011	
BEFORE TREATMENT SYSTEM				Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/10/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/10/2011	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/17/2011	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/24/2011	
BEFORE TREATMENT SYSTEM IN SHED			Shed	Well	41.7359	-75.859781	Pre-Treatment	CABOT	5/24/2011	
WELL 1				Well	41.7359	-75.859781	Post-Treatment	CABOT	5/31/2011	
BEFORE TREATMENT				Well	41.7359	-75.859781	Pre-Treatment	CABOT	6/7/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/7/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/21/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	6/29/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/6/2011	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/6/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/13/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/20/2011	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	7/26/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	7/27/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/3/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/10/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/17/2011	
WELL 1B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/17/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/24/2011	
WELL 1A				Well	41.7359	-75.859781	Post-Treatment	CABOT	8/23/2011	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/3/2011	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	8/31/2011	
WELL 1 B				Well	41.7359	-75.859781	Pre-Treatment	CABOT	9/15/2011	

Notes:
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